

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY



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PCT

INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

Date of mailing (day/month/year) 31.05.2005	Applicant's or agent's file reference 665092
PAYMENT DUE within 1 month from the above date of mailing	International application No. PCT/JP2005/004870
International filing date (day/month/year) 14.03.2005	Applicant MATSUSHITA ELECTRIC WORKS, LTD.

1. This International Searching Authority
- (i) considers that there are 10 (number of) inventions claimed in the international application covered by the claims indicated below/on an extra sheet:
1-16

and it considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated below/on an extra sheet:

- (ii) ☒ has carried out a partial international search (see Annex) ☐ will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:
1-5, 7, 14
- (iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid.

2. The applicant is hereby invited, within the time limit indicated above, to pay the amount indicated below:

$$\begin{array}{rcccl} \text{¥} & 78000 & \times & 9 & = \text{¥} & 702000 \\ \text{Fee per additional invention} & & \text{number of additional inventions} & & \text{total amount of additional fees} \end{array}$$

The applicant is informed that, according to Rule 40.2(c), the payment of any additional fee may be made under protest, i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. ☐ Claim(s) Nos. _____ have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the ISA/JP Japan Patent Office 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Authorized officer Commissioner of the Patent Office Telephone No. +81-3-3581-1101 Ext. 3258
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Almost all the features in claim1 are disclosed in D1. Remaining feature is "support spring" relative to a support base plate extends from a mass body in only one direction, which just belongs to the common knowledge to the person skilled in the art, as is shown in D2-D5.

Also, features written in claims 3-5, 7, 14 are disclosed in D1 or just trivial. So claims 1, 3-5, 7, 14 lack novelty compared to D1.

D1: JP 2003-194545 A (Par.[0015],Par.[0024]-[0030],Fig.3-5,10-12)

D2: JP 11-2526 A (Par.[0014],Par.[0012], Fig.1)

D3: JP 6-281665 A (Par.[0053], Fig.1)

D4: JP 7-239339 A (Par.[0019])

D5: JP 2001-82964 A (Par.[0079])

Consequently, common features to claims 1-16 turned out not to be special, in the meaning of the second sentence in PCT R. 13.2.

There is no special technical feature found common to the remaining claims below:

Claim2/ Shape of the support spring

Claim6/ Capacitance-adjusting electrode

Claim8/ Divided stationary driving electrode

Claim9/ Distance-adjusting electrode

Claim10/ Stationary driving electrode avoids a maximum amplitude region

Claim11/ "Said electrode wiring" (not mentioned in preceding claims)

Claim12/ Thickness of driven mass body

Claim13/ Through-hole in driven mass body

Claim15/ Specified structure to detect acceleration

Claim16/ Using a pair of gyro sensors

It is obvious that the separate inventions above are not linked so as to form a single general inventive concept.

COMMUNICATION RELATING TO THE RESULTS OF THE
PARTIAL INTERNATIONAL SEARCH

International application No.

PCT/JP2005/004870

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.: 1-5, 7, 14
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on the other parts of the international application for which such fees will have been paid.

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2003-194545 A (Samsung Electronics Co., Ltd.), 2003.07.09, Par.No.[0015],[0024]-[0030], Fig.3-5,10-12, (Family: None)	1,3-5,7,14 2
Y A	JP 11-2526 A (Mitsubishi Denki Kabushiki Kaisha), 1999.01.06, Par.No.[0014], Fig.1, Par.No.[0012] &US 6125700 A1, &DE 19801981 A	2 4,14
A	JP 6-281665 A (Murata Manufacturing Co., Ltd.), 1994.10.07, Par.No.[0053], Fig.1 &WO 94/17363 A, &US 5559291 A, &EP 634629 A	1-5,7,14
A	JP 7-239339 A (Murata Manufacturing Co., Ltd.), 1995.09.12, Par.No.[0019], (Family: None)	1-5,7,14
A	JP 2001-82964 A (Murata Manufacturing Co., Ltd.), 2001.03.30, Par.No.[0079] &US 2001/2551 A1, &DE 10059774 A	1-5,7,14

☐ Further documents are listed in a continuation Box.☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family